In the Abstract:

Please replace the Abstract with the following:

--Disclosed is a method of automated speaker identification, comprising receiving a sample speech input signal from a sample handset; deriving a cepstral covariance sample matrix from ~~said~~ the first sample speech signal; calculating, with a distance metric, all distances between ~~said~~ the sample matrix and one or more cepstral covariance signature matrices; determining if the smallest of ~~said~~ the distances is below a predetermined threshold value; and wherein ~~said~~ the

distance metric is selected from $d_5(S, \Sigma) = A + \dfrac{1}{H} - 2$,

$d_6(S, \Sigma) = (A + \dfrac{1}{H})(G + \dfrac{1}{G}) - 4$, $d_7(S, \Sigma) = \dfrac{A}{2H}(G + \dfrac{1}{G}) - 1$ $d_8(S, \Sigma) = \dfrac{(A + \dfrac{1}{H})}{(G + \dfrac{1}{G})} - 1$,

$d_9(S, \Sigma) = \dfrac{A}{G} + \dfrac{G}{H} - 2$, fusion derivatives thereof, and fusion derivatives thereof

with $d_1(S, \Sigma) = \dfrac{A}{H} - 1$. --